

90-365454/49

A89 E14 G08 S06

RICOH KK

03.04.89-JP-085604 (29.10.90) G03g-05/06

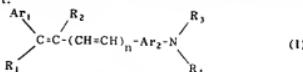
Electrophotographic photoreceptor for copying machines - comprises layer of specific charge generation cpd and charge transport layer and binder resin
C90-159187

RICO 03.04.89

*J0 2264-263-A

A(12-LSD) E(25-B) G(6-C14, 6-F6, 6-F7)

An electrophotographic photoreceptor comprises a charge generation layer (CGL) contg. a cpd. of formula (I), and a charge transport layer (CTL) laminated onto a conductive support.



R₁-R₄ = H, opt. substid. lower alkyl or opt. substid. aryl;

Ar₁ = opt. substid. aryl;

Ar₂ = opt. substid. arylene;

Ar₁ and R₂ may combine to form a ring; and

n = 0 or 1.

USE/ADVANTAGE

The photoreceptor is useful for copying machines or printers. It has high sensitivity and prevents delay in raising the charging potential after repeated use and provides good images without staining on the ground.

EMBODIMENT

The content of (I) is 0.01 pt. wt. or more, pref. 0.05 pt. wt. or more, esp. 0.1 pt. wt. or more per pt. wt. charge generation material. The CGL consists of a charge generation material, (I) and opt. binder resin, e.g., polyamide, poly-ester, epoxy resin or polycarbonate.(18ppW30GDBDwgNo0/J)

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